

# Utah Department of Environmental Quality

## Definition of Cleanup Programs

### Superfund

- Locates, investigates, and cleans up hazardous waste sites in Utah.
- Administered by the U.S. EPA in cooperation with Utah (DEQ) and tribal governments.
- Created by the U.S. Congress in 1980.

### Brownfields

- Eliminates and prevents further environmental contamination by safely cleaning up abandoned industrial and commercial sites for economic redevelopment.
- Administered by the U.S. EPA in cooperation with Utah (DEQ), local governments, tribal governments, and private sector.
- Created by U.S. Congress in 1997.

### Voluntary Cleanup Program

- Encourages the voluntary cleanup of properties where there has been a contaminant release threatening public health and the environment.
- Clears the pathway for returning the properties to beneficial use (redevelopment).
- Created by the Utah State Legislature in 1997.

### Underground Storage Tanks / Leaking Underground Storage Tanks

- Prevents and detects releases to the soil of petroleum or other hazardous substances stored in underground tanks.
- Cleans up contaminated soil and ground water as a result of a leaking underground storage tank.
- Administered by the U.S. EPA in cooperation with Utah (DEQ).
- Created by the U.S. Congress in 1984.

## Accomplishments

### Under the Superfund, Brownfields, and Voluntary Cleanup Programs:

- Approximately 4,582 acres of land have been cleaned up.
- Approximately 353 million gallons of ground water have been cleaned up.
- 1,343 properties have been cleaned up.

### Under the Underground Storage Tanks / Leaking Underground Storage Tanks Program:

- 2,624 acres of land have been cleaned up.
- 701 sites with contaminated ground water as a result of a leaking underground storage tank have been clean up.
- 3,492 sites with leaking underground storage tanks cleaned up.
- 4,847 underground storage tank sites have been closed as clean. (Tanks were either upgraded, removed, or taken out of service.)

## Benefits to Utahns

- Elimination of a public health hazard.
- Reduction of threat to public health and the environment.
- Prevention of exposure to harmful contaminants.

- Redevelopment and revitalization of land that was once considered “lost” because of contamination.
- Preservation of property values.
- Preservation of quality of life.
- Preservation of drinking water sources.

## **Websites and Information**

- Utah Department of Environmental Quality  
[www.deq.utah.gov](http://www.deq.utah.gov)
- Utah Division of Environmental Response and Remediation  
<http://www.deq.utah.gov/EQERR/index.htm>
- United States Environmental Protection Agency  
[www.epa.gov](http://www.epa.gov)
- Superfund  
<http://www.epa.gov/superfund/index.htm>  
<http://www.superfund.utah.gov/superfund/suprfnd.htm>
- Brownfields  
<http://www.epa.gov/swerosps/bf/about.htm>  
<http://www.epa.gov/epahome/hi-brownfields.htm>
- Voluntary Cleanup Program  
<http://www.superfund.utah.gov/superfund/vcp.htm>
- Underground Storage Tanks / Leaking Underground Storage Tanks  
<http://www.epa.gov/swerust1/index.htm>  
<http://undergroundtanks.utah.gov/>

## **Further Information and Questions**

- **Superfund:** Brad Johnson, (801) 536-4170
- **Voluntary Cleanup and Brownfields:** Brent Everett, (801) 536-4171
- **Underground Storage Tanks:** Dale Marx, (801) 536-4131

**UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION  
COMPLETED CLEANUPS – DECEMBER 2002**

	AREA CLEANED UP	NUMBER OF PROPERTIES CLEANED UP
<b>SUPERFUND:</b>		
Jacobs Smelter Contaminated Properties	~30 acres	126
Murray Smelter	140 acres	
Petrochem Recycling Corporation	7 acres	
Portland Cement Sites 2&3	70 acres	
Rose Park Sludge Pit	2 acres	
Sharon Steel Contaminated Properties	~195 acres	585
Sharon Steel Tailings	260 acres	
Utah Power and Light/American Barrel	2 acres	
Wasatch Chemical	18 acres	
<b>TOTALS</b>	<b>~724 acres</b>	<b>711</b>
<b>VOLUNTARY CLEANUP PROGRAM AND BROWNFIELDS:</b>		
Bonneville Center	3 acres	
C. W. Silver	1 acre	
Chicago Bridge and Iron – North	12 acres	
Chicago Bridge and Iron – South	17 acres	
Cottonwood Improvement District	8 acres	
Energy Machines Services	3 acres	
Foothill Village Shopping Center	11 acres	
Gateway Redevelopment Complex	650 acres	
Granite Mills	3 acres	
Ironton	225 acres	
Old Town Intermodal Center (Park City)	3 acres	
Ogden Block 37/A	12 acres	
Outdoor Power Products	9 acres	
Praxair	4 acres	
Salt Lake Gun Club	46 acres	
<b>TOTAL</b>	<b>~1,007 acres</b>	
<b>REMOVALS:</b>		
Eureka Residential Properties	~20 acres	71
Kennecott North		
Acid Tank Farm Release	3 acres	
Diving Board Tailings	21 acres	
Refinery Soils	5 acres	
Smelter Soils	130 acres	
Wastewater Treatment Plant Sludge	65 acres	
Kennecott South		
Arco Tailings Impoundment	90 acres	
Bingham Creek Channel	140 acres	
Butterfield Mine/Canyon	20 acres	
Cemetery Pond	2 acres	
Herriman Soils	~46 acres	85
Large and Small Reservoirs	80 acres	
Lark Waste Rock and Tailings	470 acres	
Mascotte Tunnel Discharge Area	250 acres	
South Jordan Evaporation Ponds	~1200 acres	
Sandy Smelters	~30 acres	52
<b>TOTALS</b>	<b>~2,572 acres</b>	<b>208</b>

	AREA CLEANED UP	NUMBER OF PROPERTIES CLEANED UP	VOLUME OF GROUNDWATER CLEANED UP
<b>FEDERAL FACILITIES:</b>			
Hill Air Force Base			
Operable Unit 1	~10 acres		~2.7 million gallons
Operable Unit 2	~5 acres		~1.2 million gallons
Operable Unit 3	~5 acres		~770,000 gallons
Operable Unit 4	~5 acres		~27 million gallons
Operable Unit 5	N/A		~19 million gallons
Operable Unit 6	N/A		~115 million gallons
Operable Unit 8	N/A		~174 million gallons
Monticello Contaminated Properties	~85 acres	424	
Monticello Mill Site	110 acres		
Ogden Defense Depot			
BRAC Sites	~15 acres		N/A
Ogden Nature Center	~10 acres		N/A
Operable Unit 1	8 acres		~3 million gallons
Operable Unit 2	5 acres		~3.5 million gallons
Operable Unit 3	7 acres		N/A
Operable Unit 4	~10 acres		~6.5 million gallons
Tooele Army Depot			
Operable Unit 5	~1 acre		N/A
Operable Unit 6	~1 acre		N/A
Operable Unit 7	~1 acre		N/A
Operable Unit 10	~1 acre		N/A
<b>TOTALS</b>	<b>~279 acres</b>	<b>424</b>	<b>~353 million gallons</b>
<b>GRAND TOTALS</b>	<b>~4,582 ACRES CLEANED UP</b>	<b>1343 PROPERTIES CLEANED UP</b>	<b>~353 MILLION GALLONS CLEANED UP</b>

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
UNDERGROUND STORAGE TANK CLEANUPS  
DECEMBER 2002**

COUNTY	UNDERGROUND STORAGE TANK SITES CLOSED AS CLEAN	LEAKING UNDERGROUND STORAGE TANK SITES		
		TOTAL SITES CLEANED UP	SITES WITH GROUNDWATER CLEANUP	AREA CLEANED UP (Acres)
BEAVER	52	28	1	21
BOX ELDER	133	89	21	67
CACHE	184	117	22	88
CARBON	127	82	8	62
DAGGETT	21	10	1	8
DAVIS	320	298	43	224
DUCHESNE	96	58	11	44
EMERY	72	45	5	34
GARFIELD	68	35	3	26
GRAND	62	40	6	30
IRON	118	84	4	63
JUAB	56	33	1	25
KANE	40	25	1	19
MILLARD	105	57	8	43
MORGAN	20	12	2	9
PIUTE	14	4	0	3
RICH	17	11	2	8
SALT LAKE	1,653	1,341	347	1,006
SAN JUAN	79	45	5	34
SANPETE	74	34	2	26
SEVIER	104	52	7	39
SUMMIT	99	72	8	54
TOOELE	114	72	10	54
UINTAH	122	78	20	59
UTAH	500	347	66	260
WASATCH	50	33	5	25
WASHINGTON	133	89	12	67
WAYNE	31	12	0	9
WEBER	383	289	80	217
<b>TOTALS</b>	<b>4,847 CLOSED AS CLEAN*</b>	<b>3,492 SITES CLEANED UP</b>	<b>701 SITES CLEANED UP</b>	<b>2,624 ACRES CLEANED UP</b>

\* Tanks were removed, upgraded, or taken out of service.